

### ABSTRACT

System to increase the capacity of the satellite intermediate frequency signal distribution networks, of the kind that are comprised of a header, which receives the channels (CH) with the original signals in QPSK format, it processes them and sends them to a converter, which sends its output signals to the user's receiver, characterised because in the header at least some of the channels (CHP) are processed at QAM format and because the converter converts the QAM modulation format into QPSK modulation format.

For application in digital television.

REF.: FIG. 3